



Project Manager Tactical Radio Communications Systems

Near Term Digital Radio (NTDR)

MISSION

Provide automated, secure, near real-time radio communications to tactical commanders and their staff; provide the Tactical Operation Centers to Tactical Operation Centers (Toc-to-Toc) communications data backbone for the first digitized division; develop wideband networked waveform data communications technology that may feed JTRS capabilities for domain requirements.



DESCRIPTION & SPECIFICATIONS

Army's Tactical Internet (TI) will provide the Army Communications Data Backbone from platoon to brigade for Force XXI. The upper portion of the Tactical Internet backbone is supported by the Near Term Digital Radio (NTDR). The NTDR consists of wideband data radio terminals and of Network Management Terminals (NMT).

The NTDR has evolved into the Tactical Operations Center to Tactical Operations Center (TOC to TOC) data radio supporting tactical Battalions and Brigades in Digitized units. The NTDR provides the data transport for all Army Battle Command System (ABCS) components between the Battalion and Brigade echelons.

Technical Characteristics:

The NTDRS is an open bus and open architecture digital communications backbone system that has been designed to incorporate state-of-the-art commercial technology. The NTDR supports highly mobile, high-throughput data communications for the Army communications system. It is a backbone link for Tactical Operations Center (TOC) traffic, connecting units at the command level. It is a component of the Tactical Internet. NTDRS provides a low cost, high performance system that can readily be adapted for use in the new Digital Battlefield and incorporate the latest commercial technology as it becomes available. NTDRS provides TOC to TOC data communications for digitized units.

Milestones (Achieved/Schedule)

- DCSOPS ONS approved	Nov 01
- JTRS waiver approved	Feb 03
- Field 4ID	Complete
- Field SBCT 1 & 2	Complete
- Fielding SBCT 3 - 6	Currently

Prime Contractor

ITT Industries (Fort Wayne, IN; Clifton, NJ)

PM TRCS Points of Contact



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